



PORTION DESCRIPTIONS

FROM THE

APRIL 11, 2001

MINERAL LEASE SALE

STATE LEASE NO. 17058
EXHIBIT "A"

**PORTION OF TRACT 33333 - PORTION OF BLOCK 8, VERMILION AREA, REVISED,
Vermilion Parish, Louisiana**

That portion of Block 8, Vermilion Area, Revised, Vermilion Parish, Louisiana, belonging to the State of Louisiana and not under mineral lease on April 11, 2001, described as follows: Beginning at the Northwest corner of Block 8, Vermilion Area, Revised, having Coordinates of X = 1,691,656.32 and Y = 316,053.41; thence Southeasterly on a straight line to a point having Coordinates of X = 1,692,568.00 and Y = 315,990.00; thence Southeasterly on a straight line to a point having Coordinates of X = 1,696,359 and Y = 315,965; thence Northeasterly on a straight line to a point having Coordinates of X = 1,700,680 and Y = 316,390; thence South 5,365.23 feet to a point on the South line of said Block 8 having Coordinates of X = 1,700,680.00 and Y = 311,024.77; thence West 9,023.68 feet on the South line of said Block 8 to its Southwest corner having Coordinates of X = 1,691,656.32 and Y = 311,024.77; thence North 5,028.64 feet on the West line of said Block 8 to the point of beginning, containing approximately 1,046.75 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17059
EXHIBIT "A"

PORTION OF TRACT 33343 - PORTION OF BLOCK 15, GRAND ISLE AREA, Jefferson Parish, Louisiana

That portion of Block 15, Grand Isle Area, Jefferson Parish, Louisiana, belonging to the State of Louisiana and not under mineral lease on April 11, 2001, described as follows: Beginning at a point on the West line of Block 15, Grand Isle Area, having Coordinates of X = 2,398,627.73 and Y = 177,484.00; thence North 4,500.00 feet on the West line of said Block 15 to a point having Coordinates of X = 2,398,627.73 and Y = 181,984.00; thence East 2,900.00 feet to a point having Coordinates of X = 2,401,527.73 and Y = 181,984.00; thence South 4,500.00 feet to a point having Coordinates of X = 2,401,527.73 and Y = 177,484.00; thence West 2,900.00 feet to the point of beginning, containing approximately 299.59 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

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STATE LEASE NO. 17066
EXHIBIT "A"

PORTION OF TRACT 33388 - St. Martin Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Martin Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 1,926,854.71 and Y = 542,487.08; thence East 780.22 feet to the Southwest corner of State Lease No. 16909 having Coordinates of X = 1,927,634.93 and Y = 542,487.08; thence East 4,649.78 feet along the South boundary of said State Lease No. 16909 to a point having Coordinates of X = 1,932,284.71 and Y = 542,487.08; thence South approximately 7,792 feet to a point on the Northern boundary of State Lease No. 4956 having a Coordinate of X = 1,932,284.71; thence Westerly approximately 5,430 feet along the Northern boundary or a projection thereof of said State Lease No. 4956 to a point having a Coordinate of X = 1,926,854.71; thence North approximately 7,797 feet to the point of beginning, containing approximately 136 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

STATE LEASE NO. 17067
EXHIBIT "A"

PORTION OF TRACT 33388 - St. Martin Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Martin Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of $X = 1,921,500.00$ and $Y = 542,487.08$; thence East 5,354.71 feet to the Northeast corner of State Lease No. 17066 having Coordinates of $X = 1,926,854.71$ and $Y = 542,487.08$; thence South approximately 7,797 feet along the West boundary of said State Lease No. 17066 to its Southwest corner located on the North boundary of a projection thereof of State Lease No. 4956 having a Coordinate of $X = 1,926,854.71$; thence on a straight line to the Northwest corner of said State Lease No. 4956; thence Southerly approximately 2,791 feet along the West boundary of said State Lease No. 4956 to a point having a Coordinate of $Y = 531,900.00$; thence West approximately 5,377 feet to a point having Coordinates of $X = 1,921,500.00$ and $Y = 531,900.00$; thence North 10,587.08 feet to the point of beginning, containing approximately **200 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

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STATE LEASE NO. 17068
EXHIBIT "A"

PORTION OF TRACT 33388 - St. Martin Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Martin Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 1,939,900.00 and Y = 524,100.00; thence West 10,500.00 feet to a point having Coordinates of X = 1,929,400.00 and Y = 524,100.00; thence North approximately 2,461 feet to a point on the Southern boundary of State Lease No. 4956 having a Coordinate of X = 1,929,400.00; thence Easterly approximately 7,017 feet along the Southern boundary of said State Lease No. 4956 to its Southeast corner; thence Northerly approximately 2,667 feet along the Eastern boundary of said State Lease No. 4956 to a point having a Coordinate of Y = 529,218.75; thence East approximately 3,485 feet to a point having Coordinates of X = 1,939,900.00 and Y = 529,218.75; thence South 5,118.75 feet to the point of beginning, containing approximately 91 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

STATE LEASE NO. 17069
EXHIBIT "A"

PORTION OF TRACT 33391 - PORTION OF BLOCK 54, MAIN PASS AREA, REVISED,
Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on April 11, 2001, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point on the East line of Block 54, Main Pass Area, Revised, also being the Southeast corner of State Lease No. 16793, having Coordinates of X = 2,694,350.00 and Y = 247,424.00; thence South approximately 3,392 feet on the East line of said Block 54 to its Southeast corner; thence Northwesterly approximately 6,704 feet along the Southwesterly line of said Block 54 to a point having a Coordinate of Y = 248,580.00; thence East approximately 3,519 feet to a point on the South line of said State Lease No. 16793 having Coordinates of X = 2,692,943.72 and Y = 248,580.00; thence South 50 degrees 34 minutes 44 seconds East 1,820.43 feet on the South line of said State Lease No. 16793 to the point of beginning, containing approximately 238 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17070
EXHIBIT "A"

PORTION OF TRACT 33392 - PORTION OF BLOCK 23, BRETON SOUND AREA, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on April 11, 2001, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point within Block 23, Breton Sound Area, having Coordinates of X = 2,729,903.83 and Y = 342,030.00; thence North 350.00 feet to the Southwest corner of State Lease No. 16272 having Coordinates of X = 2,729,903.83 and Y = 342,380.00; thence North 2,075.00 feet to a point on the East line of said State Lease No. 16272, also being the most Northerly Southwest corner of State Lease No. 16273 having Coordinates of X = 2,729,903.83 and Y = 344,455.00; thence on the boundary of said State Lease No. 16273 the following courses: East 1,321.17 feet, South 1,425.00 feet, South 51 degrees 05 minutes 47 seconds East 716.54 feet and East 2,303.51 feet to its Southeast corner having Coordinates of X = 2,734,086.12 and Y = 342,580.00; thence Southwesterly on a straight line to a point having Coordinates of X = 2,733,667.89 and Y = 342,030.00; thence West 3,764.06 feet to the point of beginning, containing approximately **109.92 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17071
EXHIBIT "A"

PORTION OF TRACT 33405 - Plaquemines Parish, Louisiana

All state owned lands and water bottoms not under mineral lease on April 11, 2001, within the confines of the Pass-A-Loutre Wildlife Management Area as defined by the Department of Wildlife & Fisheries and included in a title opinion from the Office of the Governor, dated August 3, 1998, situated in Plaquemines Parish, Louisiana, within the following boundaries: Beginning at a point having Coordinates of X = 2,713,088.72 and Y = 168,244.20; thence North 3,728.71 feet to a point on the Southern boundary of the Northerly portion of State Lease No. 2090, as amended, having Coordinates of X = 2,713,088.72 and Y = 171,972.91; thence Northeasterly, Easterly, Southeasterly, Easterly and Northeasterly on said boundary of State Lease No. 2090 to a point on the South line of State Lease No. 2091, as amended, having Coordinates of X = 2,716,669.97 and Y = 173,480.20; thence North 88 degrees 47 minutes 04 seconds East 3,049.12 feet on the South line of said State Lease No. 2091 to its Southeast corner on the East boundary of State Lease No. 1927, as amended, having Coordinates of X = 2,719,718.40 and Y = 173,544.88; thence South 01 degrees 07 minutes 56 seconds East 1,455.16 feet on the East boundary of said State Lease No. 1927 to the Northeast corner of the Eastern portion of said State Lease No. 2090 having Coordinates of X = 2,719,747.15 and Y = 172,090.00; thence on the boundary of said Eastern portion of said State Lease No. 2090 the following courses: West 1,746.82 feet, South 799.86 feet, South 66 degrees 25 minutes 08 seconds West 0.36 feet, South 54 degrees 03 minutes 40 seconds East 0.41 feet, South 172.72 feet, South 71 degrees 17 minutes 45 seconds West 53.14 feet, South 54 degrees 19 minutes 53 seconds East 61.95 feet, South 609.68 feet, North 89 degrees 59 minutes 59 seconds West 1,521.50 feet, South 01 degrees 07 minutes 54 seconds East 1,612.61 feet and North 88 degrees 52 minutes 05 seconds East 588.15 feet to a point having Coordinates of X = 2,717,098.73 and Y = 168,853.53, said point being the Northwest corner of that portion of State Lease No. 9646, as amended, that was released on November 21, 1996, as recorded in C.O.B. No. 894, Folio 456, with the Clerk of Court for Plaquemines Parish, Louisiana; thence along that released portion of said State Lease No. 9646 the following courses: Southeasterly, Northeasterly and Northwesterly to a point on the Southerly boundary of said Eastern portion of said State Lease No. 2090 having Coordinates of X = 2,718,900.98 and Y = 168,889.14; thence continue on the boundary of said Eastern portion of said State Lease No. 2090 the following courses: North 88 degrees 52 minutes 05 seconds East 909.25 feet and North 01 degrees 07 minutes 49 seconds West 178.20 feet to a point on the boundary of said State Lease No. 1927 having Coordinates of X = 2,719,806.54 and Y = 169,085.27; thence on the boundary of said State Lease No. 1927 the following courses: Southeasterly, Southerly, Southeasterly, South and Southwesterly to a point having Coordinates of X = 2,720,450.22 and Y = 167,166.59; thence Northwesterly to the intersection with a line bearing of South passing through a point having Coordinates of X = 2,719,854.67 and Y = 166,650.00; thence the following: South approximately 1,000 feet, West 204.67 feet, South 100.00 feet, West 2,551.28 feet, North 1,694.20 feet and West 4,010.00 feet to the point of beginning, **LESS AND EXCEPT** any privately owned land that may be located within the above

described tract, containing approximately 565.00 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: This tract is located within the Pass-A-Loutre Wildlife Management Area. Any operations on said tract shall be coordinated with the Louisiana Department of Wildlife and Fisheries. Special Rules and Regulations have been promulgated by the Louisiana Department of Wildlife and Fisheries for the protection of the game and wildlife for some management areas. Any lease awarded by the Board on said tract shall be subject to any applicable Rules and Regulations of said management area. Copies of these Rules and Regulations may be obtained from the Louisiana Department of Wildlife and Fisheries through the Assistant Secretary, Office of Wildlife, upon request.

NOTE: 1. No activities will be allowed without written authorization of the Louisiana Department of Wildlife and Fisheries. All projects will be coordinated and approved by the Pass-A-Loutre Wildlife Management Area Supervisor prior to any activities on the wildlife management area.

2. Proposed projects will be evaluated on a case by case basis. Modifications to proposed projects features including, but not limited to, access routes, well sites, flowlines and appurtenant structures may be required by the Louisiana Department of Wildlife and Fisheries.

3. Compliance with the Pass-A-Loutre Wildlife Management Area regulations will be required unless otherwise specified by the Department of Wildlife and Fisheries.

4. Compensatory mitigation will be required to offset unavoidable habitat impacts.

5. Removal of all structures, facilities and equipment will be required within 120 days of abandonment unless otherwise agreed to by the Department of Wildlife and Fisheries.

6. No activities will be allowed during the hunting season unless approved by the Department of Wildlife and Fisheries.

7. Prior to submitting applications for wetland permits to Federal and State permitting agencies, the leaseholder shall coordinate project details with the Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature

of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17073
EXHIBIT "A"

PORTION OF TRACT 33418 - Orleans and St. Bernard Parishes, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in Orleans and St. Bernard Parishes, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,517,354.88 and Y = 506,200.65; thence South 10,231.00 feet to a point having Coordinates of X = 2,517,354.88 and Y = 495,969.65; thence South 46 degrees 10 minutes 29 seconds West 4,709.58 feet to a point having Coordinates of X = 2,513,957.13 and Y = 492,708.45; thence West 3,981.27 feet to a point having Coordinates of X = 2,509,975.86 and Y = 492,708.45; thence North 9,177.62 feet to a point having Coordinates of X = 2,509,975.86 and Y = 501,886.07; thence East 5,044.07 feet to a point having Coordinates of X = 2,515,019.93 and Y = 501,886.07; thence North 4,314.58 feet to a point having Coordinates of X = 2,515,019.93 and Y = 506,200.65; thence East 2,334.95 feet to the point of beginning, containing approximately 1,593 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17074
EXHIBIT "A"

PORTION OF TRACT 33419 - St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Bernard Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,517,354.88 and Y = 506,200.65; thence East 6,064.62 feet to a point having Coordinates of X = 2,523,419.50 and Y = 506,200.65; thence South 7,882.58 feet to a point having Coordinates of X = 2,523,419.50 and Y = 498,318.07; thence West 3,617.88 feet to a point having Coordinates of X = 2,519,801.62 and Y = 498,318.70; thence South 46 degrees 10 minutes 29 seconds West 3,391.40 feet to a point having Coordinates of X = 2,517,354.88 and Y = 495,969.65; thence North 10,231.00 feet to the point of beginning, containing approximately 1,163.40 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17075
EXHIBIT "A"

PORTION OF TRACT 33420 - St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Bernard Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,527,721.94 and Y = 484,063.58; thence North 1,942.23 feet to a point having Coordinates of X = 2,527,721.94 and Y = 486,005.81; thence East 1,698.78 feet to a point having Coordinates of X = 2,529,420.72 and Y = 486,005.81; thence North 5,436.79 feet to a point having Coordinates of X = 2,529,420.72 and Y = 491,442.60; thence East 2,207.67 feet to a point having Coordinates of X = 2,531,628.39 and Y = 491,442.60; thence South 2,074.35 feet to a point having Coordinates of X = 2,531,628.39 and Y = 489,368.25; thence South 17 degrees 11 minutes 25 seconds East 5,552.72 feet to a point having Coordinates of X = 2,533,269.46 and Y = 484,063.58; thence West 5,547.53 feet to the point of beginning, containing approximately **549.64 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17076
EXHIBIT "A"

PORTION OF TRACT 33421 - St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Bernard Parish, Louisiana, within the following described boundaries: Beginning at the most Northern point of State Lease No. 17010 having Coordinates of X = 2,524,733.90 and Y = 482,378.92; thence South 56 degrees 46 minutes 21 seconds East 5,602.10 feet to a point having Coordinates of X = 2,529,420.07 and Y = 479,309.18; thence South 2,624.62 feet to a point having Coordinates of X = 2,529,420.07 and Y = 476,684.56; thence West 939.86 feet to the Southeast corner of State Lease No. 17013 having Coordinates of X = 2,528,480.21 and Y = 476,684.56; thence on the boundaries of said State Lease No. 17013 the following courses: North 26 degrees 49 minutes 51 seconds West 3,470.01 feet and West 2,180.10 feet to its Northwest corner, also being a point on the East line of said State Lease No. 17010 having Coordinates of X = 2,524,733.90 and Y = 479,781.00; thence North 2,597.92 feet on the East line of said State Lease No. 17010 to the point of beginning, containing approximately 236.84 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17077
EXHIBIT "A"

PORTION OF TRACT 33421 - St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Bernard Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,531,119.50 and Y = 484,063.58; thence South 1,455.33 feet to a point having Coordinates of X = 2,531,119.50 and Y = 482,608.25; thence West 3,397.56 feet to a point having Coordinates of X = 2,527,721.94 and Y = 482,608.25; thence North 1,455.33 feet to a point having Coordinates of X = 2,527,721.94 and Y = 484,063.58; thence East 3,397.56 feet to the point of beginning, containing approximately **113.51 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17078
EXHIBIT "A"

PORTION OF TRACT 33422 - St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Bernard Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,539,491.95 and Y = 484,063.58; thence North 3,156.27 feet to a point having Coordinates of X = 2,539,491.95 and Y = 487,219.85; thence East 8,030.28 feet to a point having Coordinates of X = 2,547,522.23 and Y = 487,219.85; thence South 3,156.27 feet to a point having Coordinates of X = 2,547,522.23 and Y = 484,063.58; thence West 8,030.28 feet to the point of beginning, containing approximately **581.86 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17079
EXHIBIT "A"

PORTION OF TRACT 33423 - St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Bernard Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,539,491.95 and Y = 484,063.58; thence East 4,404.76 feet to a point having Coordinates of X = 2,543,896.71 and Y = 484,063.58; thence South 5,247.35 feet to a point having Coordinates of X = 2,543,896.71 and Y = 478,816.23; thence East 2,974.27 feet to a point having Coordinates of X = 2,546,870.98 and Y = 478,816.23; thence South 2,131.67 feet to a point having Coordinates of X = 2,546,870.98 and Y = 476,684.56; thence West 6,026.98 feet to a point having Coordinates of X = 2,540,844.00 and Y = 476,684.56; thence North 5,693.00 feet to a point having Coordinates of X = 2,540,844.00 and Y = 482,377.56; thence West 1,340.50 feet to a point having Coordinates of X = 2,539,491.95 and Y = 482,377.56; thence North 1,686.02 feet to the point of beginning, containing approximately **715.01 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17080
EXHIBIT "A"

PORTION OF TRACT 33424 - St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Bernard Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,546,870.98 and Y = 468,755.71; thence South 404.76 feet to the Northeast corner of State Lease No. 17015 having Coordinates of X = 2,546,870.98 and Y = 468,350.95; thence on the boundary of said State Lease No. 17015 the following courses: West 1,974.98 feet, South 25 degrees 52 minutes 22 seconds West 1,217.31 feet, South 44 degrees 38 minutes 34 seconds East 959.46 feet and East 1,831.98 feet to its Southeast corner having Coordinates of X = 2,546,870.98 and Y = 466,573.00; thence South 457.29 feet to a point having Coordinates of X = 2,546,870.98 and Y = 466,115.71; thence West 2,640.00 feet to a point having Coordinates of X = 2,544,230.98 and Y = 466,115.71; thence North 2,640.00 feet to a point having Coordinates of X = 2,544,230.98 and Y = 468,755.71; thence East 2,640.00 feet to the point of beginning, containing approximately **69.67 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17081
EXHIBIT "A"

PORTION OF TRACT 33424 - St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Bernard Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,546,870.98 and Y = 476,684.56; thence South 2,114.66 feet to a point having Coordinates of X = 2,546,870.98 and Y = 474,569.90; thence West 4,465.37 feet to a point having Coordinates of X = 2,542,405.61 and Y = 474,569.90; thence North 2,114.66 feet to a point having Coordinates of X = 2,542,405.61 and Y = 476,684.56; thence East 4,465.37 feet to the point of beginning, containing approximately **216.78 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17082
EXHIBIT "A"

PORTION OF TRACT 33425 - St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Bernard Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,546,870.98 and Y = 471,024.97; thence East 3,169.07 feet to a point having Coordinates of X = 2,550,040.05 and Y = 471,024.97; thence South 5,366.32 feet to a point having Coordinates of X = 2,550,040.05 and Y = 465,658.65; thence West 3,169.07 feet to a point having Coordinates of X = 2,546,870.98 and Y = 465,658.65; thence North 914.35 feet to the Southeast corner of State Lease No. 17015 having Coordinates of X = 2,546,870.98 and Y = 466,573.00; thence North 1,777.95 feet on the East line of said State Lease No. 17015 to its Northeast corner having Coordinates of X = 2,546,870.98 and Y = 468,350.95; thence North 2,674.02 feet to the point of beginning, containing approximately 390.41 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17083
EXHIBIT "A"

PORTION OF TRACT 33425 - St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Bernard Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,554,250.00 and Y = 476,684.56; thence South 4,168.66 feet to a point having Coordinates of X = 2,554,250.00 and Y = 472,515.90; thence West 2,579.48 feet to a point having Coordinates of X = 2,551,670.52 and Y = 472,515.90; thence North 4,168.66 feet to a point having Coordinates of X = 2,551,670.52 and Y = 476,684.56; thence East 2,579.48 feet to the point of beginning, containing approximately **246.85 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17084
EXHIBIT "A"

PORTION OF TRACT 33425 - St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Bernard Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,546,870.98 and Y = 461,926.51; thence North 1,888.57 feet to a point having Coordinates of X = 2,546,870.98 and Y = 463,815.08; thence East 2,977.24 feet to a point having Coordinates of X = 2,549,848.22 and Y = 463,815.08; thence South 1,888.57 feet to a point having Coordinates of X = 2,549,848.22 and Y = 461,926.51; thence West 2,977.24 feet to the point of beginning, containing approximately **129.08 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17085
EXHIBIT "A"

PORTION OF TRACT 33426 - St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on February 14, 2001, situated in St. Bernard Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,567,334.18 and Y = 490,474.28; thence South 6,774.28 feet to a point having Coordinates of X = 2,567,334.18 and Y = 483,700.00; thence West 10,784.18 feet to a point having Coordinates of X = 2,556,550.00 and Y = 483,700.00; thence North 6,774.28 feet to a point having Coordinates of X = 2,556,550.00 and Y = 490,474.28; thence East 10,784.18 feet to the point of beginning, **LESS AND EXCEPT** any and all portions of the Biloxi Wildlife Management Area, containing approximately **356 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.

STATE LEASE NO. 17086
EXHIBIT "A"

PORTION OF TRACT 33427 - St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on April 11, 2001, situated in St. Bernard Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,554,250.00 and Y = 477,300.00; thence East 8,575.00 feet to a point having Coordinates of X = 2,562,825.00 and Y = 477,300.00; thence South 6,200.00 feet to a point having Coordinates of X = 2,562,825.00 and Y = 471,100.00; thence West 8,575.00 feet to a point having Coordinates of X = 2,554,250.00 and Y = 471,100.00; thence North 6,200.00 feet to the point of beginning, **LESS AND EXCEPT** any and all portions of the Biloxi Wildlife Management Area, containing approximately 427 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE: The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: The State of Louisiana does hereby reserve, and this lease shall be subject to, the imprescriptible right of surface use in the nature of a servitude in favor of the Department of Natural Resources, including its Offices and Commissions, for the sole purpose of implementing, constructing, servicing and maintaining approved coastal zone management and/or restoration projects. Utilization of any and all rights derived under this lease by the mineral lessee, its agents, successors or assigns, shall not interfere with nor hinder the reasonable surface use by the Department of Natural Resources, its Offices or Commissions, as hereinabove reserved.